

| | | |
|--|------------------------|------------|
| LIST OF PATENTS AND PUBLICATIONS APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Form PTO-1449 Modified) | Attorney Docket: | Serial No. |
| | 101195-24 | 091817,387 |
| | Applicant: | |
| | Eckhart Matthes et al. | |
| | Filing Date: | Group: |
| | Concurrently herewith | 1635 |

U.S. PATENT DOCUMENTS

| Examiner's Initial | Document Number | Date | Name | Class | Sub Class | Filing Date If appropriate |
|--------------------|-----------------|------|------|-------|-----------|----------------------------|
| AA | | | | | | |
| AB | | | | | | |
| AC | | | | | | |
| AD | | | | | | |
| AE | | | | | | |
| AF | | | | | | |
| AG | | | | | | |
| AH | | | | | | |
| AI | | | | | | |
| AJ | | | | | | |
| AK | | | | | | |

FOREIGN PATENT DOCUMENTS

| | Document Number | Date | Country | Class | Sub Class | Translation Yes No |
|----|-----------------|------|---------|-------|-----------|--------------------|
| AL | | | | | | |
| AM | | | | | | |
| AN | | | | | | |
| AO | | | | | | |
| AP | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----|--|
| AR | J. Hanvey et al.; Antisense and Antigene Properties of Peptide Nucleic Acids; Science, Vol. 258, 27 Nov. 1992, pgs. 1481-1485 |
| AS | C. Strahl et al.; Effects of Reverse Transcriptase Inhibitors on Telomere Length and Telomerase Activity in Two Immortalized Human Cell Lines; Molecular and Cellular biology, Jan. 1996; pgs. 53-65 |
| AT | J. Norton, et al.; Inhibition of Human Telomerase Activity by Peptide Nucleic Acids; Nature Biotechnology, Vol. 14, May 1996; pgs. 615-619 |

EXAMINER:**DATE CONSIDERED:***Michael P. Lyons - Ford**11-13-03*

- **EXAMINER:** Initial if Reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformation and not considered, include copy of this form with next communication to applicant.

| LIST OF PATENTS AND PUBLICATIONS APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Form PTO-1449 Modified) | | | | Attorney Docket: | | Serial No. | |
|---|----|--|------|-------------------------|-------|------------|----------------------------|
| | | | | 101195-24 | | | |
| | | | | Applicant: | | | |
| | | | | Eckhart Matthes et al. | | | |
| | | | | Filing Date: | | Group: | |
| | | | | Concurrently Herewith | | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| Examiner's Initial | | Document Number | Date | Name | Class | Sub Class | Filing Date if appropriate |
| | AA | | | | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | Document Number | Date | Country | Class | Sub Class | Translation Yes No |
| | AL | | | | | | |
| | AM | | | | | | |
| | AN | | | | | | |
| | AO | | | | | | |
| | AP | | | | | | |
| OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | AR | J. Chen, et al.; Synthesis of Oligodeoxyribonucleotide N3'→P5' Phosphoramidates; 1995 Oxford University Press, Nucleic Acids Research, 1995, Vol. 23, No. 14, pgs. 2661-2668 | | | | | |
| | AS | E. Uhlmann et al.; Synthese und Eigenschaften von PNA/DNA-Chimären; VCH Verlagsgesellschaft mbH; Angew.Chem. 1996, 108, Nr. 22; pgs. 2793, 2800 | | | | | |
| | AT | C. Harley; Telomere Loss: Mitotic Clock or Genetic Time Tomb; Mutation Research, 256 (1991) pgs. 271-282 | | | | | |
| EXAMINER: | | | | DATE CONSIDERED: | | | |
| | | | | | | | |
| <ul style="list-style-type: none"> • EXAMINER: Initial if Reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformation and not considered, include copy of this form with next communication to applicant. • | | | | | | | |

| | | |
|--|------------------------|------------|
| LIST OF PATENTS AND PUBLICATIONS APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Form PTO-1449 Modified) | Attorney Docket: | Serial No. |
| | 101195-24 | |
| | Applicant: | |
| | Eckhart Matthes et al. | |
| | Filing Date: | Group: |
| | Concurrently Herewith | |

U.S. PATENT DOCUMENTS

| Examiner's Initial | | Document Number | Date | Name | Class | Sub Class | Filing Date if appropriate |
|--------------------|----|-----------------|------|------|-------|-----------|----------------------------|
| | AA | | | | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | Document Number | Date | Country | Class | Sub Class | Translation Yes | No |
|--|----|-----------------|------|---------|-------|-----------|-----------------|----|
| | AL | | | | | | | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|--|----|--|
| | AR | N. Kim, et al.; Specific Association of Human Telomerase Activity with Immortal Cells and Cancer; Science, Vol. 266, 23 Dec. 1994, pgs. 2011-2015 |
| | AS | M. Piatyszek et al.; Detection of Telomerase Activity in Human Cells and Tumors by a Telomeric Repeat Amplification Protocol (TRAP); Methods in Cell Science 17: 1995, pgs. 1-15 |
| | AT | R. Iyer et al; The Automated Synthesis of Sulfur-Containing Oligodeoxyribonucleotides Using 3H-1,2-Benzodithiol-3-one 1,1-Dioxide as a Sulfur-Transfer Reagent; J. Org. Chem. 1990, 55, pgs. 4693-4699 |

EXAMINER:

DATE CONSIDERED:

- **EXAMINER:** Initial if Reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformation and not considered, include copy of this form with next communication to applicant.

| | | |
|--|------------------------|------------|
| LIST OF PATENTS AND PUBLICATIONS APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Form PTO-1449 Modified) | Attorney Docket: | Serial No. |
| | 101195-24 | |
| | Applicant: | |
| | Eckhart Matthes et al. | |
| | Filing Date: | Group: |
| | Concurrently herewith | |

U.S. PATENT DOCUMENTS

| Examiner's Initial | | Document Number | Date | Name | Class | Sub Class | Filing Date if appropriate |
|--------------------|----|-----------------|------|------|-------|-----------|----------------------------|
| | AA | | | | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | Document Number | Date | Country | Class | Sub Class | Translation Yes | No |
|--|----|-----------------|------|---------|-------|-----------|-----------------|----|
| | AL | | | | | | | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|--|----|--|
| | AR | S. McCurdy et al.; An Improved Method for the Synthesis of N3'→P5' Phosphoramidate Oligonucleotides; Tetrahedron Letters, Vol. 38, No. 2, 1997, pgs. 207-210 |
| | AS | H. Vu et al; Internucleotide Phosphite Sulfurization with Tetraethylthiuram Disulfide, Phosphorothioate Oligonucleotides Synthesis Via Phosphoramidite Chemistry; Tetrahedron Letters, Vol. 32, no. 26, 1991, pgs. 3005-3008 |
| | AT | C. Counter et al.; Telomerase Activity in Normal Leukocytes and in Hematologic Malignancies; Blood, Vol. 85, No. 9 May 1, 1995; pgs. 2315-2320 |

EXAMINER:

DATE CONSIDERED:

- **EXAMINER:** Initial if Reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformation and not considered, include copy of this form with next communication to applicant.

| | | | | | | | | |
|--|--|--|--|--|---------------------------------------|--|------------|--|
| LIST OF PATENTS AND PUBLICATIONS APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Form PTO-1449 Modified) | | | | | Attorney Docket: 101195-24 | | Serial No. | |
| Applicant: Eckart Matthes et al. | | | | | Filing Date: Concurrently Herewith | | Group: | |

| U.S. PATENT DOCUMENTS | | | | | | | | | |
|-----------------------|----|-----------------|------|------|-------|-----------|--|--|--|
| Examiner's Initial | | Document Number | Date | Name | Class | Sub Class | Filing Date <small>If appropriate</small> | | |
| | AA | | | | | | | | |
| | AB | | | | | | | | |
| | AC | | | | | | | | |
| | AD | | | | | | | | |
| | AE | | | | | | | | |
| | AF | | | | | | | | |
| | AG | | | | | | | | |
| | AH | | | | | | | | |
| | AI | | | | | | | | |
| | AJ | | | | | | | | |
| | AK | | | | | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | | | |
|--------------------------|----|-----------------|------|---------|-------|-----------|--------------------------------------|--|--|
| | | Document Number | Date | Country | Class | Sub Class | Translation <small>Yes No</small> | | |
| | AL | | | | | | | | |
| | AM | | | | | | | | |
| | AN | | | | | | | | |
| | AO | | | | | | | | |
| | AP | | | | | | | | |

| OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) | |
|--|--|
| AR | C. Counter et al.; Telomerase Activity in Human Ovarian Carcinoma; Proc. Natl. Acad. Sci USA, Vol 91, April 1994, pgs. 2900-2904 |
| AS | Stanley Crooke; Antisense Research and Applications, Chapter 1, Basic Principles of Antisense Therapeutics, Springer-Verlag Press, Berlin, Heidelberg, New York, p.3 |
| AT | |

| | |
|------------------|-------------------------|
| EXAMINER: | DATE CONSIDERED: |
|------------------|-------------------------|

- **EXAMINER:** Initial if Reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformation and not considered, include copy of this form with next communication to applicant.
-